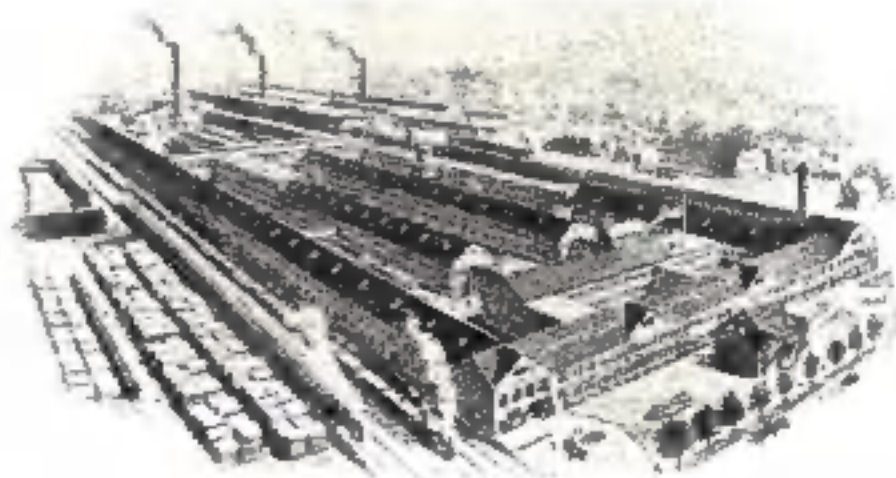


Johnston HAY TEDDERS



MANUFACTURED
BY
**THE JOHNSTON
HARVESTER CO.**
BATAVIA,
NEW YORK.

GRAIN BINDERS,
MOWERS, RAKES,
TEDDERS, REAPERS,
CORN BINDERS,
DISK HARROWS.





JOHNSTON TEDDER

It is the greatest kicker of the age.

There are no kicks coming to it.

You laugh to see its hind legs going.

There's no slicker quicker kicker.

It kicks the mortgage off the farm.

All's hay that comes in its reach.

The tedder of action and satisfaction.

It don't stop to ask how the weather
will be.

Turns your hay into money quickly.

Pays its price the first hay season.

Makes a stir in the hay.

Kicks all hay troubles over the fence.

Makes hay whether the sun shines or
not.

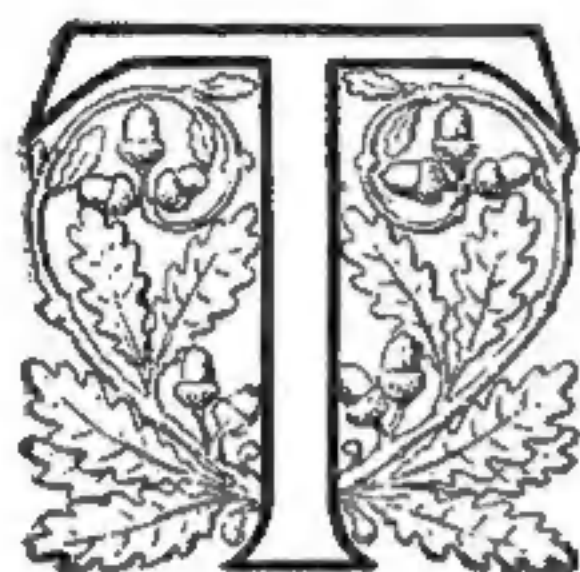
It don't ask how heavy is the crop.

It's a hustler, a bustler and a rustler.



HAY TEDDERS

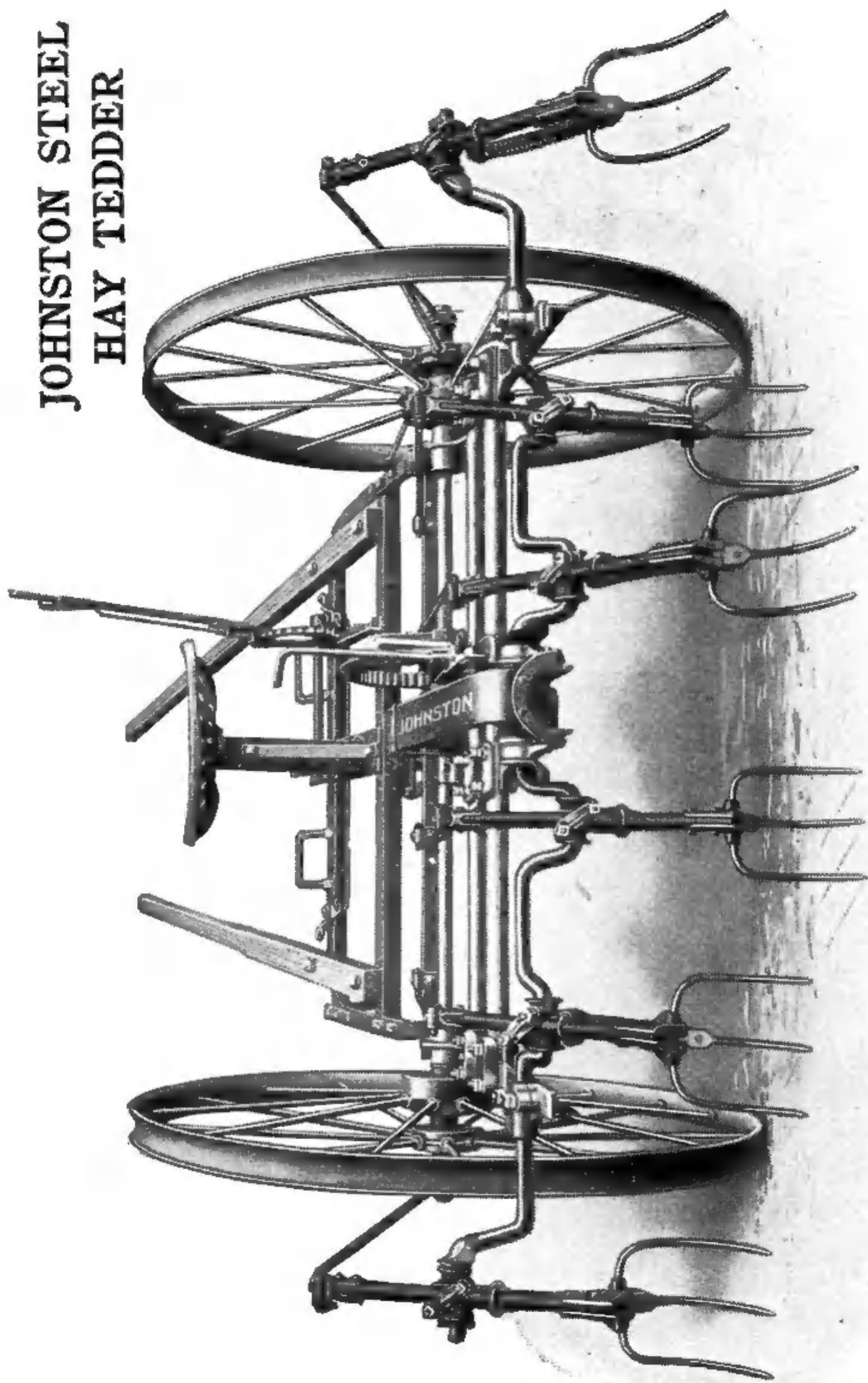
IN GENERAL



THREE acres of clover will pay for a new machine, provided the tedder is used in the curing. In its use the value of your crop will be increased ten to thirty per cent. and your reputation as a haymaker will increase many fold with each year's use of the machine. There is no other way in which the crop can be properly cured in such a thorough manner and with so little labor and expense. Don't take just "what you can get" for your crop, but "what it is worth," and then, make it worth while. A tedder properly looked after will do your work in the right way for a great many years. Its first cost will be found to be one of the best investments you ever made. But, get a good one. That is where we come in. We have been making Johnston Tedders nine years and know what to do and how to do it best. If you will kindly turn to the following pages, we will present our argument in detail.

THE JOHNSTON HARVESTER CO.
BATAVIA, NEW YORK

**JOHNSTON STEEL
HAY TEDDER**



JOHNSTON TEDDERS

IN PARTICULAR

Yes, we make them, and build them right and bright, too.

And tight, also, to wear well, without shucking or racking to pieces.

And light and easy-running, to work without heavy draft.

And convenient and comfortable, for one horse or two.

They stir things up.

But, they are labor and crop savers, not trouble-makers.

JOHNSTON TEDDERS

Have steel frames.

Steel wheels, double hub.

Roller bearings.

Drive from the center.

Three-tine crucible-steel forks.

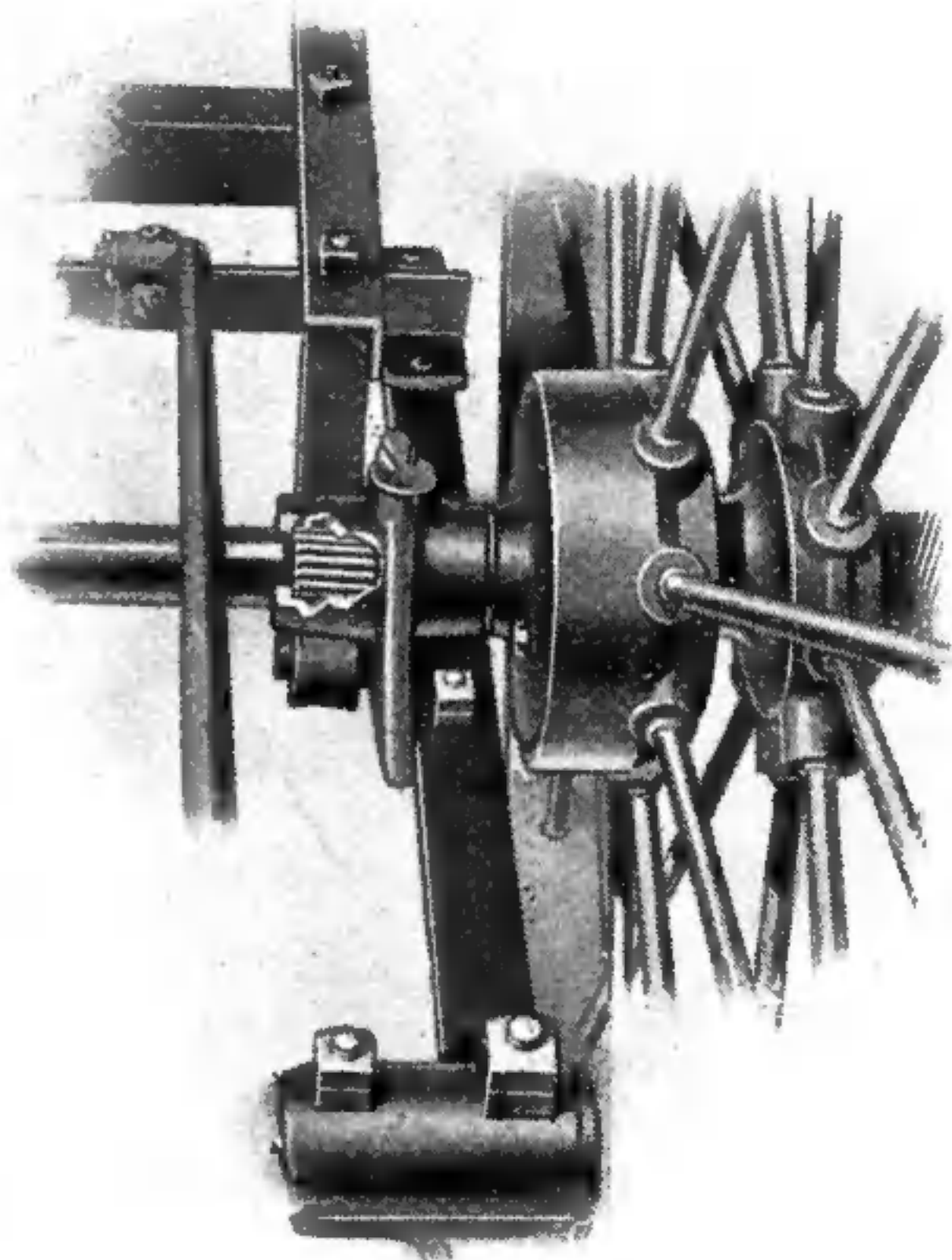
Spring balance tilt.

Combination pole and shafts.

Built in two sizes : 6-fork, 8-fork.

JOHNSTON TEDDERS

The thills are the only wood parts in this machine. The frame is the most important part of the tedder, as it must support rigidly the heavy work of the six or eight forks. The Johnston frame is in two sections, of steel angle and steel pipe construction, and will stand any strain. The pipe brackets are securely riveted to the frame and the pipe sections bolted in the sockets, double nuts being used.



The front section is entirely separate from the rest of the frame. It is hinged and pivoted under the main axle and carries the weight of the driver.

The main axle has three sets of dust-proof roller-bearings. They decrease the draft and prevent wear.

The steel wheels have double hubs, staggered spokes and channel steel tires. The tires have the concave side out, giving increased traction power.

JOHNSTON TEDDERS

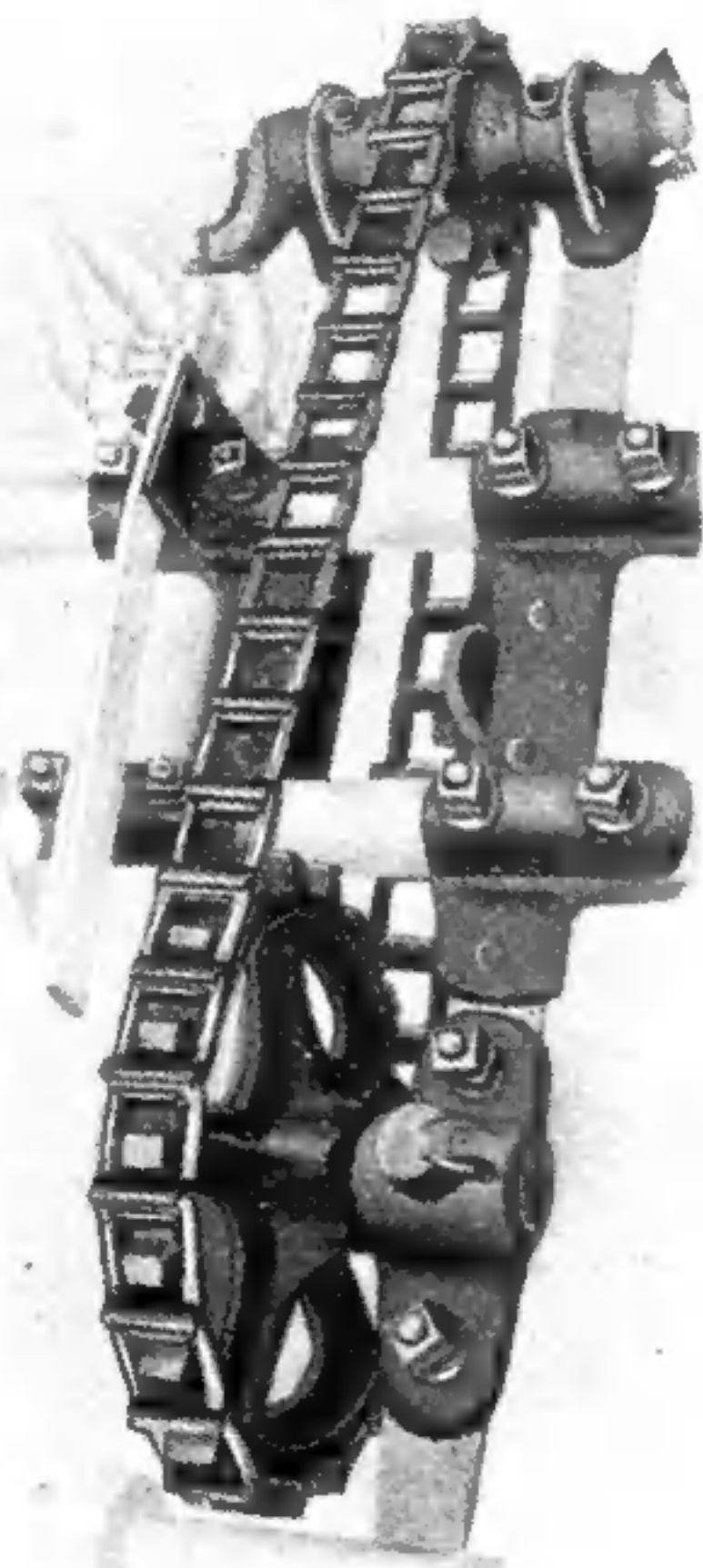
Power is applied from both wheels at the same time to the drive-chain in the center. This makes the draft even, a very important point on a machine of this kind where the work is heavy and intermittent. The chain is steel Locke Belt. The links are detachable, but do not come apart when working. Chain

does not stretch or climb the sprockets. It is provided with an adjustable roller-tightner and is well shielded.

A clutch-lever, operated from the seat, puts the machine in and out of gear.

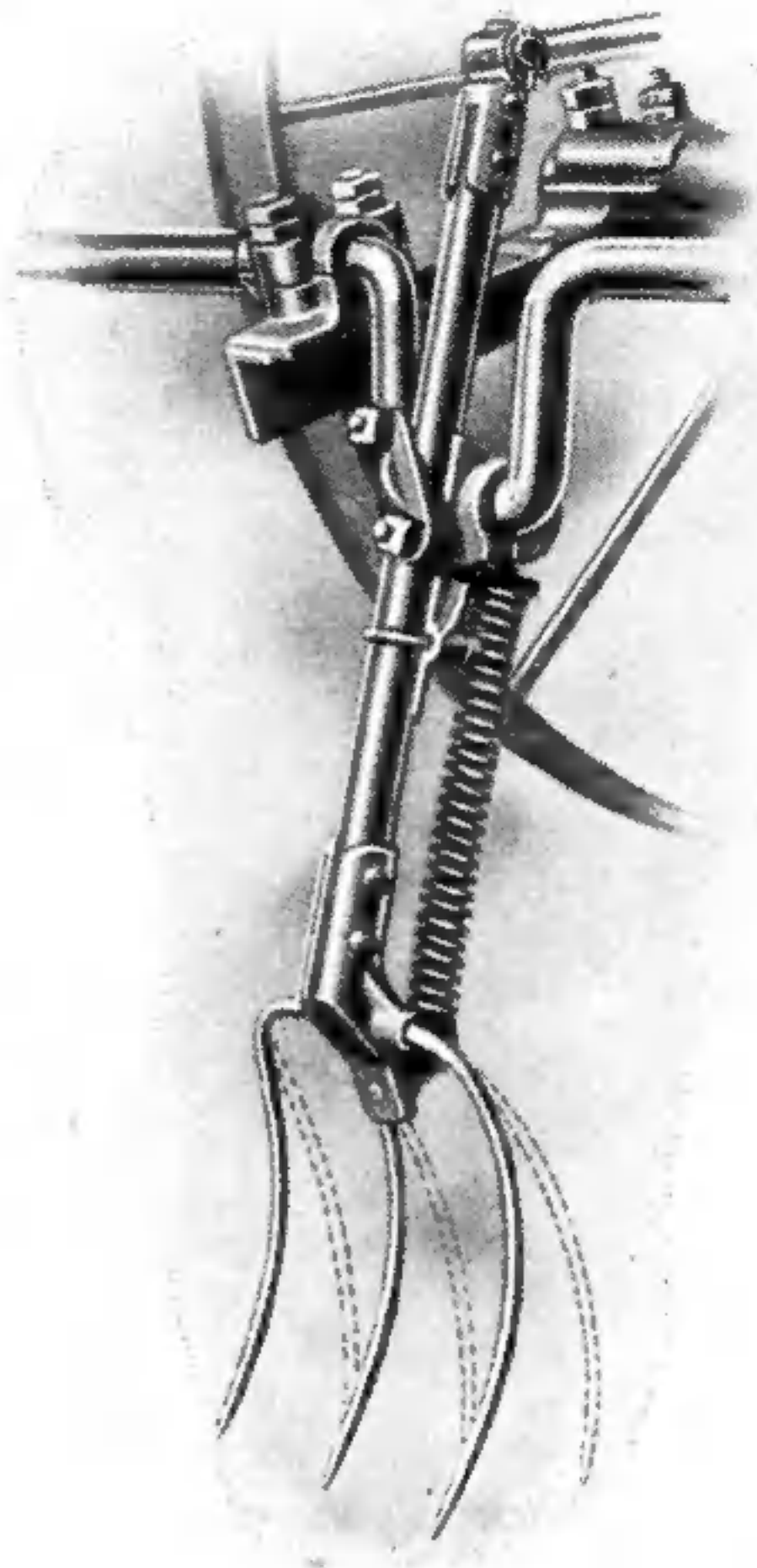
The shaft-boxes are securely bolted to the frame. The fork-cranks are in two parts and so constructed that no two forks

strike the ground at the same time. The parts of the crank are alike and are held in the center by the sprocket and clutch. The bearings at the outer end of each crank are counterbored boxes in two parts that overlap so as to be practically self-binding. They are held in position on the frame by double-nutted bolts. They can not shift, and they keep the cranks in line.

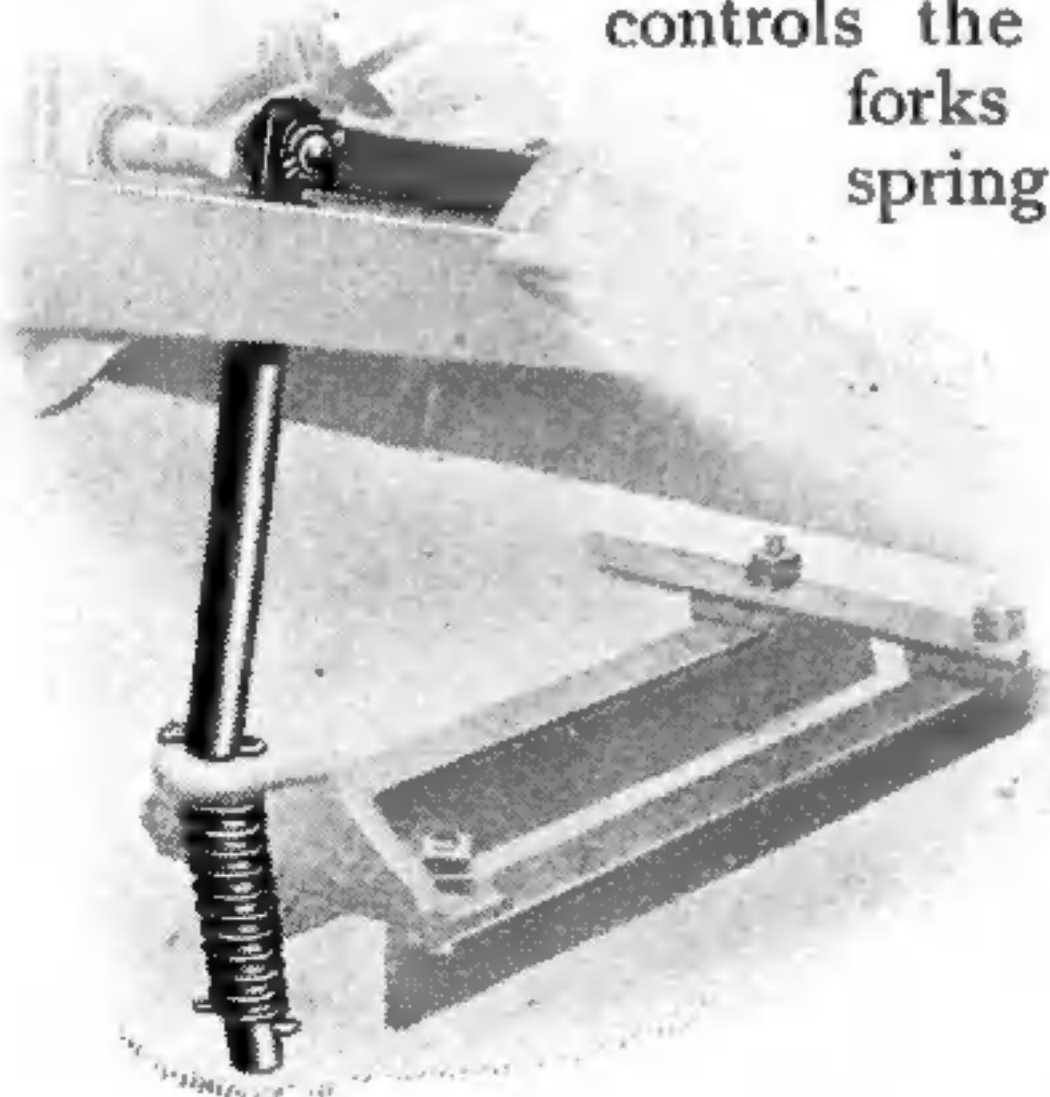


JOHNSTON TEDDERS

Our forks are made to work smoothly without friction and to last. We use the best grade of material—crucible steel, spring-tempered. The forks have three tines in one piece, and an effective spring-trip that prevents breakage when the forks pass over obstructions. The trip spring is placed below the crank-fastening, out of the way. This arrangement is much simpler in construction than any fork on the market and works quicker. The fork turns freely in the head-socket and has a perfect bearing where attached to the fork-crank. Outside forks stir the hay that the wheels pass over.



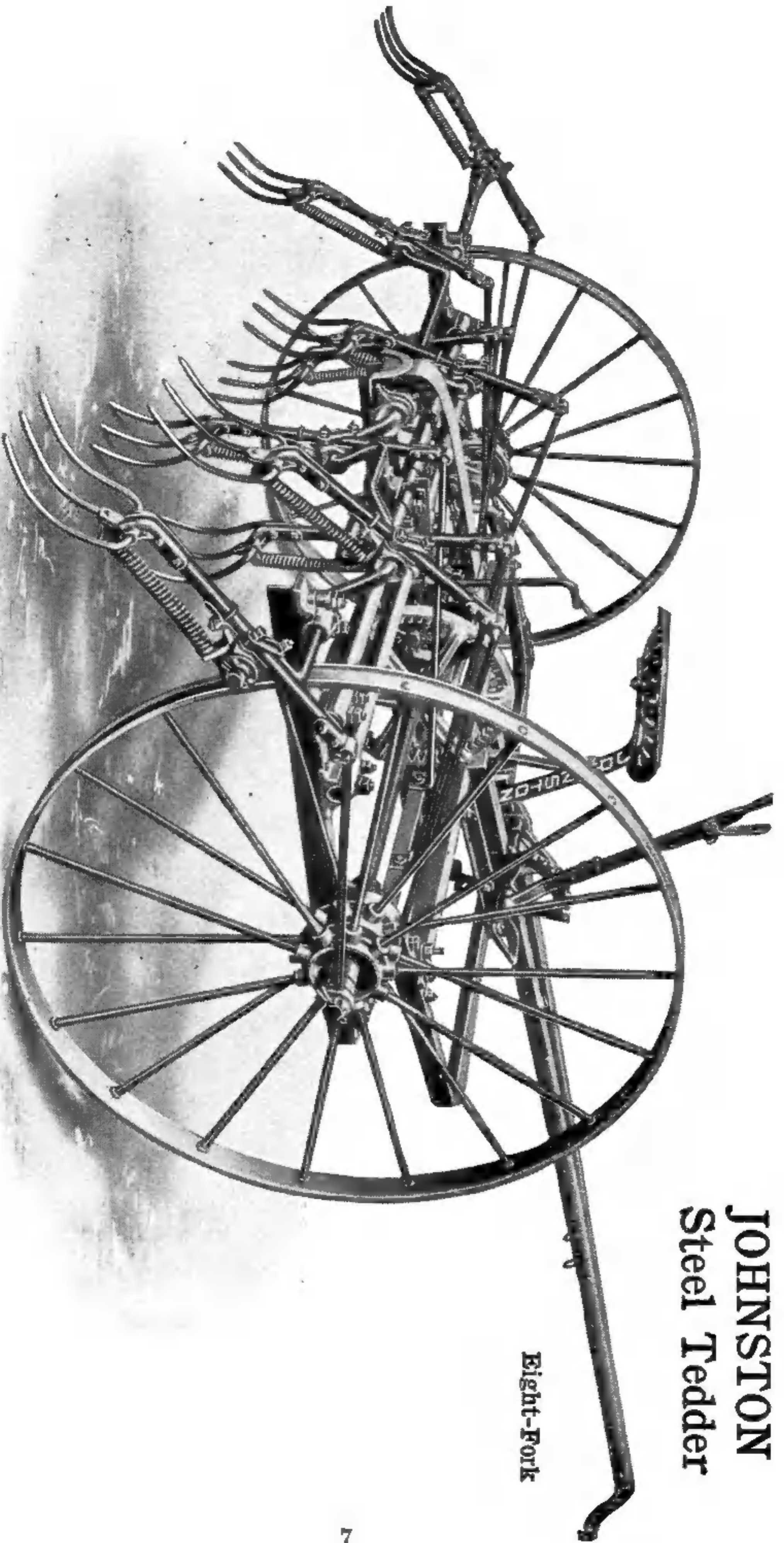
The tilting-lever is in easy reach from the seat, adjusts the level of the frame and controls the height at which the forks work. The tilting-spring in front carries the weight.



Combination pole and shafts for one or two horses furnished with each tedder. No whiffletrees sent with the machine, but they will be furnished at slight additional cost, when ordered.

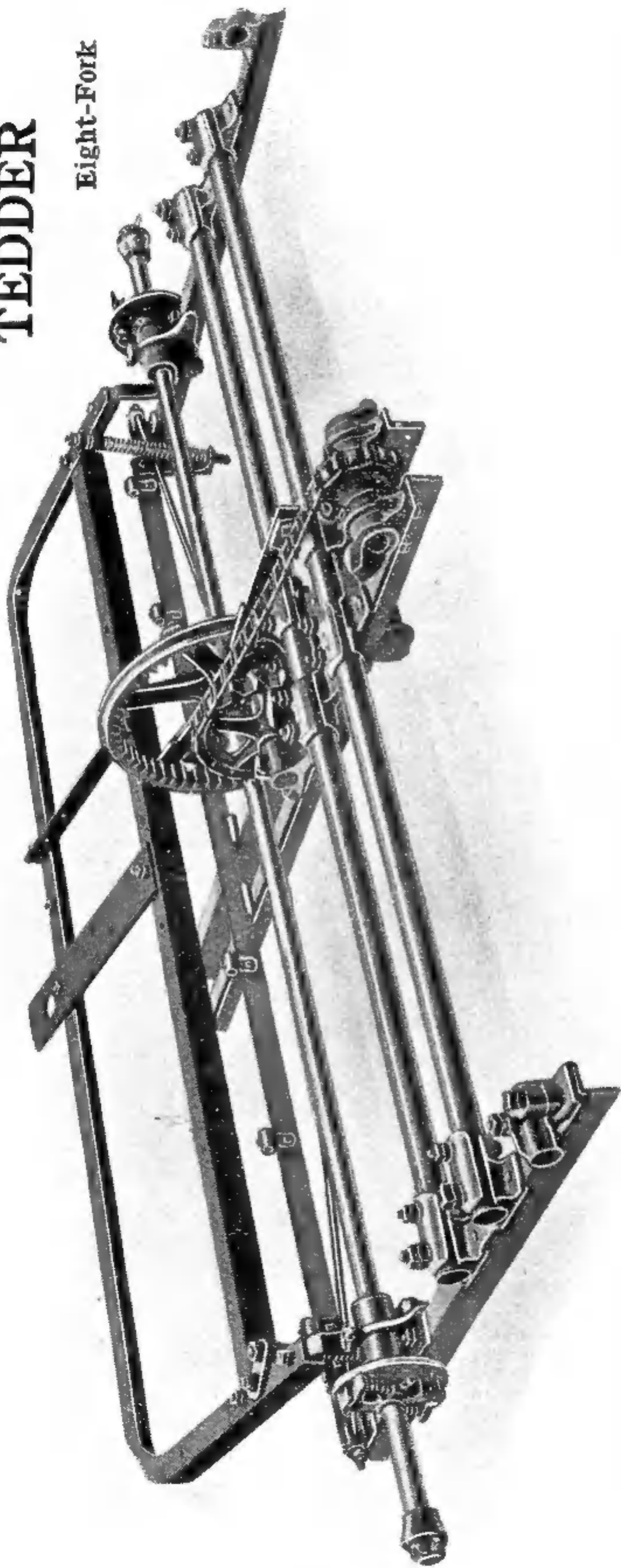
JOHNSTON Steel Tedder

Eight-Fork



JOHNSTON TEDDER

Eight-Fork



On the 8-fork machine, the same frame construction at the rear holds the cranks in perfect line in spite of the greater strain. On the front bar of the rear frame, we use a steel truss fastened with small handy clips. This prevents sagging in the middle. Also, we provide cushion springs at each side, between the frames, to lessen the strain.



JOHNSTON TEDDER

Works backward, but is right at the front.

It is a veritable trotting tedder.

You ride—it does the work.

Kicks the pitchfork out o' sight.

Fills the bill—and quickly fills your barn.

It don't stop to spit on its hands or to get a drink.

Lightest, strongest and lasts longest.

Neighbors want to borrow it—its only fault.

It says nothing, but kicks hay.

Nothing to hinder it from working.

You may make first quality hay without it, but we don't see how.

It will work without a shirk.

“One good turn deserves another” is its motto—so it turns your hay again.

Those active hind legs paralyze you.



JOHNSTON

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U. S. A.**

